

Amendment(s) to the Abstract:

ABSTRACT

A speed change ratio control unit for a continuously variable transmission that uses a step motor as a driving actuator of a speed change control valve ~~comprising a step-out determination means~~ that compares a variable (**ASTP**) representing a step position of the step motor and a step position (**BSTP**) of the step motor that is necessary for realizing a desired speed change ratio at every predetermined operation cycle, and if **ASTP**≠**BSTP** is satisfied determines that a step-out has occurred on the step motor; ~~a step-out correction means (S17d,S17f) that when a step-out is determined by the step-out determination means (S17b) corrects the **ASTP** so as to reduce a difference between the **ASTP** and the **BSTP**; and a drive means for driving the step motor using the corrected **ASTP**. The speed change ratio control unit for a continuously variable transmission is provided that can detect and correct a step-out at any speed change ratio.~~